

Case No. 10808/181 Infineon No. 2001 P08366US01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SHORT, Alvin P.

Serial No: 09/852,899

Filed: May 10, 2001

For: INCREASE IN DEEP TRENCH CAPACITANCE BY A CENTRAL

**GROUND ELECTRODE** 

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**OFFICE OF PETITIONS** Examiner: Mai, Anh D.

Group Art Unit: 2814

## SUBSTANCE OF INTERVIEW

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

On information and belief, on April 7, 2004, the applicants' former attorney, Frank V. DeRosa, conducted a telephone interview with Examiner Mai to discuss the Final Office Action dated June 26, 2003, the applicant's Amendment dated August, 26, 2003 and the Advisory Action dated February 19, 2004. The current status of the application and the rejection of pending claims 1 6 and 18 23 were discussed.

The Examiner acknowledged that the above referenced application had become inadvertently abandoned. The Examiner and the applicant's former attorney agreed that a Petition to Revive along with an RCE and an amendment would be filed to revive the application. The Examiner agreed that the following amendment of claims 1 3 and 6 would overcome the pending rejection of these claims:

Amend claim 1 to recite "at least one pillar;"

Amend claim 2 recite that the first conductive material "comprises" a plurality of pillars;

Amend claim 3 to recite that "a portion of the second conductive material is disposed between the plurality of pillars;" and

Amend claim 6 to recite that "a portion of the second conductive material is disposed between the first conductive material and the buried plate."

The Examiner stated that claims 18-23 should either be canceled or claim 18 should be amended to recite that "the first conductive material contacts the buried plate along an entire bottom portion of the trench and along a lower portion of the sidewalls of the trench."

Respectfully submitted,

Jasper W. Dockrey

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Attorney for applicants

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